



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Machine Id
MANITOWOC MLC 300 015-0067

Component
Coolant
Fluid
DefendAL HD Antifreeze (--- GAL)

RECOMMENDATION

The fluid is suitable for further service. (Customer Sample Comment: Engine coolant sample)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0868406	WC0750746	WC0548328
Sample Date		Client Info		28 Jun 2024	25 Jan 2023	21 Apr 2022
Machine Age	hrs	Client Info		8460	7489	6525
Oil Age	hrs	Client Info		8379	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

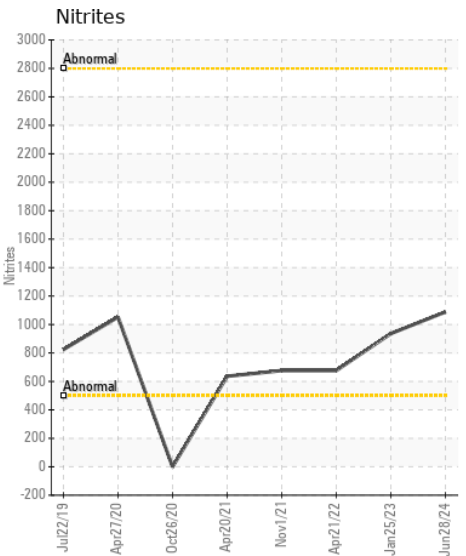
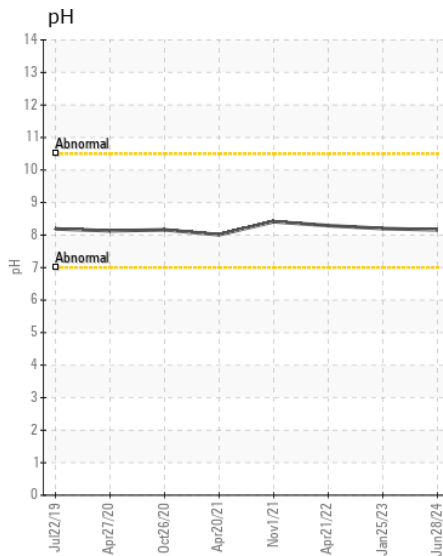
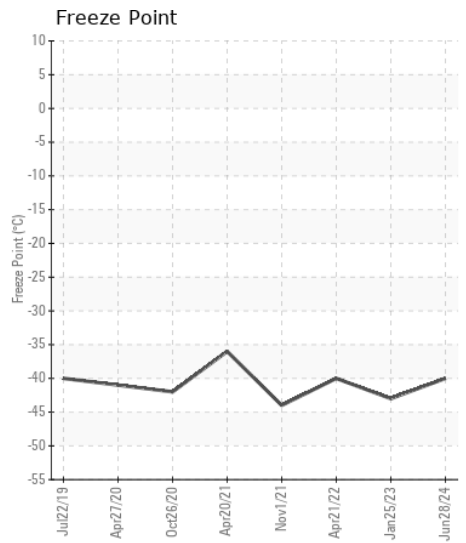
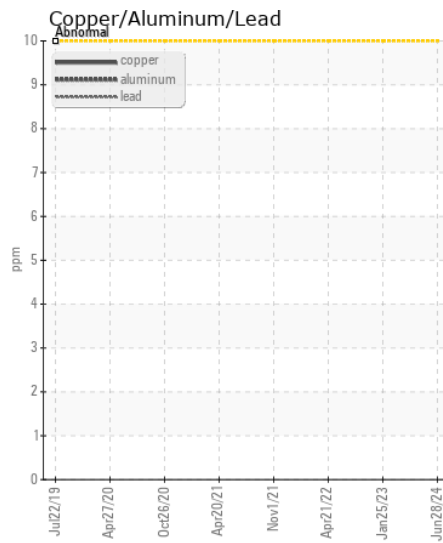
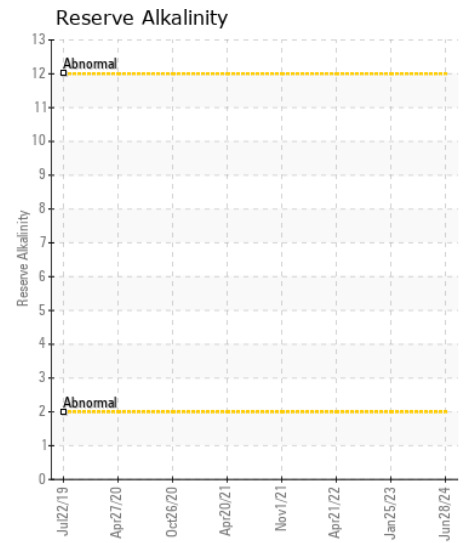
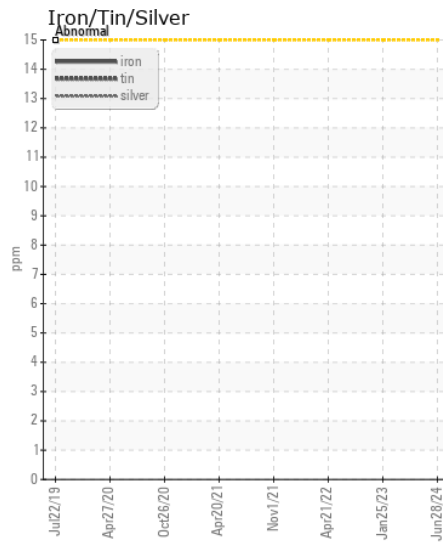
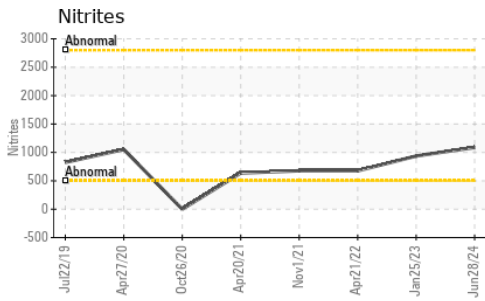
CORROSION

Total Dissolved Solids				385.0	485.5	391.5
Coolant Appearance		*Visual	Clear	normal	normal	normal

CONTAMINANTS

There is no indication of any contamination in the coolant.

Boiling Point	°C	WC Method		226	---	---
Specific Gravity		*ASTM D1298	1.075	1.070	1.071	1.070
pH	Scale 0-14	ASTM D1287		8.16	8.20	8.29
Nitrites	ppm	AP-053:2009	600	1088	936	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121	2.8	---	---	---
Percentage Glycol	%	ASTM D3321	50	52.7	53.0	52.5
Freezing Point	°F	ASTM D3321	-36	-40	-43	-40
Carboxylate				n/a	n/a	n/a
Coolant Color		*Visual	Red	Red	Red	Red



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0868406 **Received** : 03 Jul 2024
Lab Number : 06228035 **Tested** : 08 Jul 2024
Unique Number : 11111528 **Diagnosed** : 08 Jul 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: GlycolType, ICP, PrtCount)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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